

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A frame of a reciprocating compressor comprising:

a main frame having a cylindrical insertion hole configured to receive a cylinder of a compression unit along a center axis ~~thereof and a flange to~~ of the main frame and a flange configured to support an outer stator of a reciprocating motor at the outer circumference of the flange; and

a sub frame engaged to the main frame by an engaging device and positioned to cover an outer circumferential surface of the cylinder to form an oil ~~flow path at a space between the main frame and the cylinder~~ pocket, the oil pocket being defined by the main frame, the sub frame and the outer cylinder.

2. (Original) The frame of claim 1, wherein the main frame is configured in a disc shape, and the sub frame engaged thereto is configured as a cylindrical shape.

3. (Currently Amended) The frame of claim 1, wherein the engaging device ~~[[is]]~~ comprises nuts and bolts.

4. (Original) The frame of claim 1, wherein the engaging device comprises a weld.

5. (Currently Amended) The frame of claim 1, wherein a flange is ~~formed~~ provided at one end portion of the sub frame and is configured to engage with the main frame, and an inner stator installation surface, configured to receive an inner stator ~~is~~ stator, is provided at the other end portion of the sub frame.

6. (Currently Amended) The frame of claim 5, wherein a stopping step that fixes the inner stator is ~~formed~~ provided at one side of the inner stator installation surface and a stopper is ~~formed~~ provided at another side thereof.

7. (Original) The frame of claim 1, wherein an oil flow path closing unit is provided by a bend at an end portion of the cylinder.

8. (Currently Amended) The frame of claim 1, wherein the main frame and the sub frame ~~are formed of~~ comprise non-magnetic materials.

9. (New) The frame according to claim 1, said oil pocket being configured to extend about an entire outer circumference of the cylinder.

10. (New) The frame according to claim 1, wherein the sub frame is configured to support an inner stator of the reciprocating motor.

11. (New) The frame according to claim 1, said main frame defining an oil path leading to the oil pocket.

12. (New) A frame of a reciprocating compressor comprising:

a main frame having a cylindrical insertion hole configured to receive a cylinder of a compression unit along a center axis of the main frame, said main frame further having a flange configured to support an outer stator of a reciprocating motor; and

a sub frame engaged to the main frame by an engaging device, and positioned to cover an outer circumferential surface of the cylinder to form an oil pocket between the main frame, the sub frame, and the outer circumferential surface of the cylinder,

wherein an oil pocket closing unit is provided by a flange at an end portion of the cylinder, the flange extending outwardly from the cylinder.

13. (New) The frame according to claim 12, wherein the main frame has a disc-shaped configuration and the sub frame has a cylindrically-shaped configuration.

14. (New) The frame according to claim 12, wherein the engaging device comprises nuts and bolts.

15. (New) The frame according to claim 12, wherein the engaging device comprises a weld.

16. (New) The frame according to claim 12, wherein a flange, provided at one end portion of the sub frame, is configured to engage with the main frame, and an inner stator installation surface, configured to receive an inner stator of the reciprocating motor, is provided at an other end portion of the sub frame.

17. (New) The frame according to claim 16, further comprising a stopping structure configured to fix the inner stator, the stopping structure being provided at one side of the inner stator installation surface, and a stopper is provided at an other side of the inner stator installation surface.

18. (New) The frame according to claim 12, wherein the main frame and the sub frame comprise non-magnetic materials.

19. (New) The frame according to claim 12, said oil pocket being configured to extend about an entire outer circumference of the cylinder.

20. (New) The frame according to claim 12, said main frame defining a oil path leading to the oil pocket.